

KRATOCHVIL, J.

"The biocenotic development of the Koog foreland" by  
B. Heydemann. Reviewed by J. Kratochvil. Cas entom  
60 no.1/2:172 '63.

KRATOCHVIL, Jaromir, inz.

Determining the development of profitableness. Podnik organizace  
17 no.1:12-14 Ja '63.

1. Ministerstvo hutního průmyslu a rudných dolů.

KRATOCHVIL, Jaroslav

CZECHOSLOVAKIA/Chemical Technology, Chemical Products and  
Their Application, Part 2. - Elements, Oxides,  
Mineral Acids, Bases, Salts. - Other Elements,  
Oxides, Mineral Acids, Bases, Salts.

H-8d

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33076.

Author : Zdeněk Hošťálek, Jaroslav Kratochvíl.

Inst : Not given.

Title : Method of Direct Preparation of Alkali-Earth Metal  
Iodides with Iodine.

Orig Pub: Chem. průmysl, 1956, 6, No 12, 485-489.

Abstract: The method of preparation of alkali-earth metal iodides  
by a direct reaction among  $I_2$ , metallic Fe and alkali-  
earth metal carbonate in accordance with the equation  
 $3CaCO_3 + 2Fe + 3I_2 = 3CaI_2 + 2Fe(OH)_3 + 3CO_2$  was studied.  
The technology of the industrial production of  $CaI_2$

Card : 1/2

KRATOCHVIL, Jaroslav, dr.

Role of the Permanent Technical Glass Exhibition in Sazava.  
Sklar a keramik 13 no.8:199 Ag '63.

1. Sdruzeni podniku technickeho skla, Sazava.

KRATICHVIL, Jaroslav, inz.

A mine road of 1,100 meters driven by the PK-3a cutter loader at the Dukla mine within 31 working days. Unli 6 no.11:385-386 N '64.

1. Scientific Research Institute of Coal, Ostrava-Radvanice.

KRATOCHVIL, Jiri, ing. C. Sc.; MUDR. K. J., prof. Dr. Ing. Dr. Sc.

Preliminary static calculation of arch dams. Izv. VUZ 13.4. 2:  
108-113 '65.

Static solution of arch dams on the basis of the cylindrical shell  
bending theory. Ibid.:111-115

1. Chair of Hydrotechnology of the Faculty of Building of the  
Higher School of Technology, Brno (for Kralupy).

Smith, J. J.

Smith, J. J.; Rosicky, B.

"The Biology And Taxonomy Of The Arodesus Genus Of Lice Living In  
Czechoslovakia." p. 57. (Zoolovické A Entomologické Listy, Vol. 1,  
No. 1, 1952, Prague.)

Vol. 1, No. 1.  
See: Monthly List of East European Research, Vol. 1, No. 1, 1952, Prague, Czechoslovakia.

KRATOCHVIL, J.

Kratochvil, J. Chrousti a baji niri. Za red. J. Kratochvila z pracov 11 J. Kratochvil (et al. 1. vyd.) Praha, Maf. Ceskoslovenska akademie ved, 1953. 153 p. (Ceskoslovenska akademie ved. Veda mani zivot. Sekce biologicka, sv. 3) (Cockchafer and the fight against them. 1st ed. illus., fold. maps, bibl.)

SO: Monthly List of East European Accessions, (DEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.



KRATOCHVIL, J.

Present day state of Czechoslovak zoology. Chokh.biol. 2 no.3:129-137  
Je '53.

(MLRA 7:4)

(Czechoslovakia--Zoology) (Zoology--Czechoslovakia)

*Kratochvil*

ROSICKY, B., KRATOCHVIL, J.

Synanthropy of mammals and role of synanthropic and exotrophic rodents in natural foci of diseases. Chekh biol 2 no.5:283-295 0 '53. (REAL 3:7)

1. Institut biologii ChSAN, parazitologiya, Praga, i Institut zoologii VShZ, Brno.

(RODENTS,

\*transm. of infect. dis.)

(COMMUNICABLE DISEASES, transmission,

\*carriers, rodents)



BARDOS, V.; BREZINA, R.; HYMPAN, J.; KMETY, E.; KRATOCHVIL, J.; LIBIKOVA, H.;  
MICICKA, O.; MILOSOVICOVA, A.; ROSICKY, B.; SOMODSKA, V.

A complex survey of infection foci in Eastern Slovakia in 1953.  
Bratisl. lek. listy 34 no.10-11:1166-1195 Oct-Nov 54.

1. Za Zoologického ustavu Vysokej skoly polnohosp. v Brne, prednosta  
prof. dr. J.Kratochvil, z Virologického ustavu CSAV v Bratislave,  
riaditel' akademik D.Blaskovic, z Biologického ustavu CSAV v Prahe,  
riaditel akademik I.Malek, z Oblastneho ustavu epidemiologie a  
mikrobiologie v Bratislave, riaditel dr. J.Karolcek, z Neurologickej  
kliniky PLFSU v Kosiciach, prednosta doc. dr. J.Hympan, z KHESu v  
Kosiciach, riaditel dr. J.Kratochvil, z Hygienickeho ustavu LFSU  
v Bratislave, prednosta akademik V.Mucha  
(ENCEPHALITIS, EPIDEMIO, epidemiology  
in Czech., foci survey in E.Slovakia)  
(LEPTOSPIROSIS, epidemiology  
in Czech., foci survey in E.Slovakia)

PRACE, 1955, 1; 1956, 1.

The root vole (*Microtus oeconomus*), a species of the genus from the  
pleistocene period in Czechoslovakia. p.35. Czechoslovakia. p.35. vol.  
Prace, 1955, 1; 1956, 1. PRACE, Prace. Vol. 27, no. 1, p.55.

SOURCE: East European Acquisitions List, (EAL), Library of Congress  
Vol. 5, no. 12, December 1956.

KRATOCHVIL, J.

Oldest systematic work concerning the vertebrates of Moravia and Silesia.  
p. 138. Brno. Moravské museum. CACOPIS. ACTA. Brno. Vol. 40, 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

REF ID: A66666

The snow mouse Micromys (Chionomys) nivalis Schaefer 1936  
in the Tatra Mountains. s. l. Geograph. Anz. 60, 1936.  
vol. 60. PRAN. Bunc. Vol. 12, no. 1, 1936.

SOURCE: East European Accessions List, (EEAL), Library of Congress  
Vol. 5, no. 12, December 1936.

KRATOCHVIL, Josef

Pouzita zoologie. Cast 2. Obratlovci. (Applied Zoology. Vol. 2 Vertebrates. 2d rev. and enl. ed.) For the students of the faculties of agronomy and economics. Prague, SPN, 1957. 172 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 716.



KRATOCHVIL, Josef

Pouzita zoologie. Cast 1. Bezobratli. (Applied Zoology. Vol. 1. Invertebrates; a university textbook. 2d rev. and enl. ed. tables) For the students of the faculties of agronomy and economics. Prague, SPN, 1957. 239 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 716.

KRATOCHVIL, J.: ~~Author~~: ~~Editor~~

SCIENCE

Periodical PRACE. Vol. 30, no. 9, 1958.

KRATOCHVIL, J.: ~~Author~~, ~~Editor~~: ~~Editor~~. Results of the zoological expedition to Bulgaria organized by the Czechoslovak Academy of Sciences. Pt. 1. p. 371.

Monthly List of East European Accessions (MEAI) LC, Vol. 8, no. 3, March, 1959.  
Unclassified

KRATOCHVIL, J.

SCIENCE

Periodical PRACE. Vol. 30, no. 9, 1958.

KRATOCHVIL, J. Spiders Cyphophthalmi and Laniatores in Bulgaria. p. 372.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959.  
Unclassified

KRATOCHVIL, JOSEF, ed.

Hrabos pohl. Microtus arvalis. (Josef Kratochvil a spolupracovníci. L. vyd.)

Praha, Czechoslovakia, Nakl. Ceskoslovenske akademie ved, 1959. 359 p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959  
Uncl.

KRATOKHIVIL, Y.

Description of new family of harvestmen (Giljaroviinae,  
Nemastomatidae) with a key to the genera of Nemastomatidae.  
Zool.shur. 38 no.9:1344-1352 S '59. (MIRA 13:1)

1. Zoologicheskii institut Vysshey shkoly sel'skogo i lesnogo  
khozyaystva (Brno, Czechoslovakia).  
(Phalangida)

KRATOCHVIL, Josef, prof., dr. (Brno, Jiraskova 47)

On morphology of *Caeculus echinipes* (Acarina, Caeculidae).  
Cas entom 59 no.2:174-182 '62.

1. Institut de zoologie de l'Universite d'agriculture,  
Brno.

11:51-65 Pa-4 AFTC(b)/AMD  
ACCESSION NR: AP4049756

Z/0049/64/000/007/0562/0564

AUTHOR: Kratochvil, J.

TITLE: Studies of Kahmann (1961) and Ferianc (1963) dealing with the occurrence of Apodemus Agrarius (6)

SOURCE: Biologia, no. 7, 1964, 562-564

TOPIC TAGS: zoology, ecology, bionomics, mammal, mouse, river, rodent

Abstract: The author believes that KAHMANN's theory that the expansion of Apodemus takes place upwards, against the flow of the river Morava is not yet proved. It seems, that not even at zitny Ostrov the occurrence of the mouse has been fully established. Existence of the mammal in Austria, and in the South of Slovakia is discussed. It is stated that the occurrence of a small mammal at a given time should be considered as a dynamic, not static factor, because the number of animals of a kind may vary drastically according to circumstances from one period to another.

Cont 1/2

L 11393-65

ACCESSION NR: AP4049756

ASSOCIATION: Ústav pro výzkum obratlovců Československé akademie věd v  
Brně (Institute for the Research of Vertebrates, Czechoslovak Academy of  
Sciences)

SUBMITTED: 02Jan64

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 011

JPRS

Card

2/2



KRATOCHVIL, Josef

The male sex organ of *Spalax leucodon hungaricus* Nehring,  
1897. Acta theriolog 8 no.1/16:189-206 '64.

1. Institute of Vertebrate Zoology of the Czechoslovak  
Academy of Sciences, Brno.

KRATOVIL, R.

Diagnosis and treatment of breast carcinoma. R. Kratovich  
(Wash. Post, March 1953; 6th ed. 1958; 8th ed. 1963; 9th ed. 1968; 10th ed. 1973; 11th ed. 1978; 12th ed. 1983; 13th ed. 1988; 14th ed. 1993; 15th ed. 1998; 16th ed. 2003; 17th ed. 2008; 18th ed. 2013; 19th ed. 2018; 20th ed. 2023; 21st ed. 2028; 22nd ed. 2033; 23rd ed. 2038; 24th ed. 2043; 25th ed. 2048; 26th ed. 2053; 27th ed. 2058; 28th ed. 2063; 29th ed. 2068; 30th ed. 2073; 31st ed. 2078; 32nd ed. 2083; 33rd ed. 2088; 34th ed. 2093; 35th ed. 2098; 36th ed. 2103; 37th ed. 2108; 38th ed. 2113; 39th ed. 2118; 40th ed. 2123; 41st ed. 2128; 42nd ed. 2133; 43rd ed. 2138; 44th ed. 2143; 45th ed. 2148; 46th ed. 2153; 47th ed. 2158; 48th ed. 2163; 49th ed. 2168; 50th ed. 2173; 51st ed. 2178; 52nd ed. 2183; 53rd ed. 2188; 54th ed. 2193; 55th ed. 2198; 56th ed. 2203; 57th ed. 2208; 58th ed. 2213; 59th ed. 2218; 60th ed. 2223; 61st ed. 2228; 62nd ed. 2233; 63rd ed. 2238; 64th ed. 2243; 65th ed. 2248; 66th ed. 2253; 67th ed. 2258; 68th ed. 2263; 69th ed. 2268; 70th ed. 2273; 71st ed. 2278; 72nd ed. 2283; 73rd ed. 2288; 74th ed. 2293; 75th ed. 2298; 76th ed. 2303; 77th ed. 2308; 78th ed. 2313; 79th ed. 2318; 80th ed. 2323; 81st ed. 2328; 82nd ed. 2333; 83rd ed. 2338; 84th ed. 2343; 85th ed. 2348; 86th ed. 2353; 87th ed. 2358; 88th ed. 2363; 89th ed. 2368; 90th ed. 2373; 91st ed. 2378; 92nd ed. 2383; 93rd ed. 2388; 94th ed. 2393; 95th ed. 2398; 96th ed. 2403; 97th ed. 2408; 98th ed. 2413; 99th ed. 2418; 100th ed. 2423; 101st ed. 2428; 102nd ed. 2433; 103rd ed. 2438; 104th ed. 2443; 105th ed. 2448; 106th ed. 2453; 107th ed. 2458; 108th ed. 2463; 109th ed. 2468; 110th ed. 2473; 111th ed. 2478; 112th ed. 2483; 113th ed. 2488; 114th ed. 2493; 115th ed. 2498; 116th ed. 2503; 117th ed. 2508; 118th ed. 2513; 119th ed. 2518; 120th ed. 2523; 121st ed. 2528; 122nd ed. 2533; 123rd ed. 2538; 124th ed. 2543; 125th ed. 2548; 126th ed. 2553; 127th ed. 2558; 128th ed. 2563; 129th ed. 2568; 130th ed. 2573; 131st ed. 2578; 132nd ed. 2583; 133rd ed. 2588; 134th ed. 2593; 135th ed. 2598; 136th ed. 2603; 137th ed. 2608; 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516th ed. 4503; 517th ed. 4508; 518th ed. 4513; 519th ed. 4518; 520th ed. 4523; 521st ed. 4528; 522nd ed. 4533; 523rd ed. 4538; 524th ed. 4543; 525th ed. 4548; 526th ed. 4553; 527th ed. 4558; 528th ed. 4563; 529th ed. 4568; 530th ed. 4573; 531st ed. 4578; 532nd ed. 4583; 533rd ed. 4588; 534th ed. 4593; 535th ed. 4598; 536th ed. 4603; 537th ed. 4608; 538th ed. 4613; 539th ed. 4618; 540th ed. 4623; 541st ed. 4628; 542nd ed. 4633; 543rd ed. 4638; 544th ed. 4643; 545th ed. 4648; 546th ed. 4653; 547th ed. 4658; 548th ed. 4663; 549th ed. 4668; 550th ed. 4673; 551st ed. 4678; 552nd ed. 4683; 553rd ed. 4688; 554th ed. 4693; 555th ed. 4698; 556th ed. 4703; 557th ed. 4708; 558th ed. 4713; 559th ed. 4718; 560th ed. 4723; 561st ed. 4728; 562nd ed. 4733; 563rd ed. 4738; 564th ed. 4743; 565th ed. 4748; 566th ed. 4753; 567th ed. 4758; 568th ed. 4763; 569th ed. 4768; 570th ed. 4773; 571st ed. 4778; 572nd ed. 4783; 573rd ed. 4788; 574th ed. 4793; 575th ed. 4798; 576th ed. 4803; 577th ed. 4808; 578th ed. 4813; 579th ed. 4818; 580th ed. 4823; 581st ed. 4828; 582nd ed. 4833; 583rd ed. 4838; 584th ed. 4843; 585th ed. 4848; 586th ed. 4853; 587th ed. 4858; 588th ed. 4863; 589th ed. 4868; 590th ed. 4873; 591st ed. 4878; 592nd ed. 4883; 593rd ed. 4888; 594th ed. 4893; 595th ed. 4898; 596th ed. 4903; 597th ed. 4908; 598th ed. 4913; 599th ed. 4918; 600th ed. 4923; 601st ed. 4928; 602nd ed. 4933; 603rd ed. 4938; 604th ed. 4943; 605th ed. 4948; 606th ed. 4953; 607th ed. 4958; 608th ed. 4963; 609th ed. 4968; 610th ed. 4973; 611th ed. 4978; 612nd ed. 4983; 613th ed. 4988; 614th ed. 4993; 615th ed. 4998; 616th ed. 5003; 617th ed. 5008; 618th ed. 5013; 619th ed. 5018; 620th ed. 5023; 621st ed. 5028; 622nd ed. 5033; 623rd ed. 5038; 624th ed. 5043; 625th ed. 5048; 626th ed. 5053; 627th ed. 5058; 628th ed. 5063; 629th ed. 5068; 630th ed. 5073; 631st ed. 5078; 632nd ed. 5083; 633rd ed. 5088; 634th ed. 5093; 635th ed. 5098; 636th ed. 5103; 637th ed. 5108; 638th ed. 5113; 639th ed. 5118; 640th ed. 5123; 641st ed. 5128; 642nd ed. 5133; 643rd ed. 5138; 644th ed. 5143; 645th ed. 5148; 646th ed. 5153; 647th ed. 5158; 648th ed. 5163; 649th ed. 5168; 650th ed. 5173; 651st ed. 5178; 652nd ed. 5183; 653rd ed. 5188; 654th ed. 5193; 655th ed. 5198; 656th ed. 5203; 657th ed. 5208; 658th ed. 5213; 659th ed. 5218; 660th ed. 5223; 661st ed. 5228; 662nd ed. 5233; 663rd ed. 5238; 664th ed. 5243; 665th ed. 5248; 666th ed. 5253; 667th ed. 5258; 668th ed. 5263; 669th ed. 5268; 670th ed. 5273; 671st ed. 5278; 672nd ed. 5283; 673rd ed. 5288; 674th ed. 5293; 675th ed. 5298; 676th ed. 5303; 677th ed. 5308; 678th ed. 5313; 679th ed. 5318; 680th ed. 5323; 681st ed. 5328; 682nd ed. 5333; 683rd ed. 5338; 684th ed. 5343; 685th ed. 5348; 686th ed. 5353; 687th ed. 5358; 688th ed. 5363; 689th ed. 5368; 690th ed. 5373; 691st ed. 5378; 692nd ed. 5383; 693rd ed. 5388; 694th ed. 5393; 695th ed. 5398; 696th ed. 5403; 697th ed. 5408; 698th ed. 5413; 699th ed. 5418; 700th ed. 5423; 701st ed. 5428; 702nd ed. 5433; 703rd ed. 5438; 704th ed. 5443; 705th ed. 5448; 706th ed. 5453; 707th ed. 5458; 708th ed. 5463; 709th ed. 5468; 710th ed. 5473; 711th ed. 5478; 712nd ed. 5483; 713th ed. 5488; 714th ed. 5493; 715th ed. 5498; 716th ed. 5503; 717th ed. 5508; 718th ed. 5513; 719th ed. 5518; 720th ed. 5523; 721st ed. 5528; 722nd ed. 5533; 723rd ed. 5538; 724th ed. 5543; 725th ed. 5548; 726th ed. 5553; 727th ed. 5558; 728th ed. 5563; 729th ed. 5568; 730th ed. 5573; 731st ed. 5578; 732nd ed. 5583; 733rd ed. 5588; 734th ed. 5593; 735th ed. 5598; 736th ed. 5603; 737th ed. 5608; 738th ed. 5613; 739th ed. 5618; 740th ed. 5623; 741st ed. 5628; 742nd ed. 5633; 743rd ed. 5638; 744th ed. 5643; 745th ed. 5648; 746th ed. 5653; 747th ed. 5658; 748th ed. 5663; 749th ed. 5668; 750th ed. 5673; 751st ed. 5678; 752nd ed. 5683; 753rd ed. 5688; 754th ed. 5693; 755th ed. 5698; 756th ed. 5703; 757th ed. 5708; 758th ed. 5713; 759th ed. 5718; 760th ed. 5723; 761st ed. 5728; 762nd ed. 5733; 763rd ed. 5738; 764th ed. 5743; 765th ed. 5748; 766th ed. 5753; 767th ed. 5758; 768th ed. 5763; 769th ed. 5768; 770th ed. 5773; 771st ed. 5778; 772nd ed. 5783; 773rd ed. 5788; 774th ed. 5793; 775th ed. 5798; 776th ed. 5803; 777th ed. 5808; 778th ed. 5813; 779th ed. 5818; 780th ed. 5823; 781st ed. 5828; 782nd ed. 5833; 783rd ed. 5838; 784th ed. 5843; 785th ed. 5848; 786th ed. 5853; 787th ed. 5858; 788th ed. 5863; 789th ed. 5868; 790th ed. 5873; 791st ed. 5878; 792nd ed. 5883; 793rd ed. 5888; 794th ed. 5893; 795th ed. 5898; 796th ed. 5903; 797th ed. 5908; 798th ed. 5913; 799th ed. 5918; 800th ed. 5923; 801st ed. 5928; 802nd ed. 5933; 803rd ed. 5938; 804th ed. 5943; 805th ed. 5948; 806th ed. 5953; 807th ed. 5958; 808th ed. 5963; 809th ed. 5968; 810th ed. 5973; 811th ed. 5978; 812nd ed. 5983; 813th ed. 5988; 814th ed. 5993; 815th ed. 5998; 816th ed. 6003; 817th ed. 6008; 818th ed. 6013; 819th ed. 6018; 820th ed. 6023; 821st ed. 6028; 822nd ed. 6033; 823rd ed. 6038; 824th ed. 6043; 825th ed. 6048; 826th ed. 6053; 827th ed. 6058; 828th ed. 6063; 829th ed. 6068; 830th ed. 6073; 831st ed. 6078; 832nd ed. 6083; 833rd ed. 6088; 834th ed. 6093; 835th ed. 6098; 836th ed. 6103; 837th ed. 6108; 838th ed. 6113; 839th ed. 6118; 840th ed. 6123; 841st ed. 6128; 842nd ed. 6133; 843rd ed. 6138; 844th ed. 6143; 845th ed. 6148; 846th ed. 6153; 847th ed. 6158; 848th ed. 6163; 849th ed. 6168; 850th ed. 6173; 851st ed. 6178; 852nd ed. 6183; 853rd ed. 6188; 854th ed. 6193; 855th ed. 6198; 856th ed. 6203; 857th ed. 6208; 858th ed. 6213; 859th ed. 6218; 860th ed. 6223; 861st ed. 6228; 862nd ed. 6233; 863rd ed. 6238; 864th ed. 6243; 865th ed. 6248; 866th ed. 6253; 867th ed. 6258; 868th ed. 6263; 869th ed. 6268; 870th ed. 6273; 871st ed. 6278; 872nd ed. 6283; 873rd ed. 6288; 874th ed. 6293; 875th ed. 6298; 876th ed. 6303; 877th ed. 6308; 878th ed. 6313; 879th ed. 6318; 880th ed. 6323; 881st ed. 6328; 882nd ed. 6333; 883rd ed. 6338; 884th ed. 6343; 885th ed. 6348; 886th ed. 6353; 887th ed. 6358; 888th ed. 6363; 889th ed. 6368; 890th ed. 6373; 891st ed. 6378; 892nd ed. 6383; 893rd ed. 6388; 894th ed. 6393; 895th ed. 6398; 896th ed. 6403; 897th ed. 6408; 898th ed. 6413; 899th ed. 6418; 900th ed. 6423; 901st ed. 6428; 902nd ed. 6433; 903rd ed. 6438; 904th ed. 6443; 905th ed. 6448; 906th ed. 6453; 907th ed. 6458; 908th ed. 6463; 909th ed. 6468; 910th ed. 6473; 911th ed. 6478; 912nd ed. 6483; 913th ed. 6488; 914th ed. 6493; 915th ed. 6498; 916th ed. 6503; 917th ed. 6508; 918th ed. 6513; 919th ed. 6518; 920th ed. 6523; 921st ed. 6528; 922nd ed. 6533; 923rd ed. 6538; 924th ed. 6543; 925th ed. 6548; 926th ed. 6553; 927th ed. 6558; 928th ed. 6563; 929th ed. 6568; 930th ed. 6573; 931st ed. 6578; 932nd ed. 6583; 933rd ed. 6588; 934th ed. 6593; 935th ed. 6598; 936th ed. 6603; 937th ed. 6608; 938th ed. 6613; 939th ed. 6618; 940th ed. 6623; 941st ed. 6628; 942nd ed. 6633; 943rd ed. 6638; 944th ed. 6643; 945th ed. 6648; 946th ed. 6653; 947th ed. 6658; 948th ed. 6663; 949th ed. 6668; 950th ed. 6673; 951st ed. 6

BRATOCHVIL, K.

A Czechoslovak supersonic apparatus for determining the mechanical properties of concrete roadways. p. 242. (Inzenyrske Stavby, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957, Uncl.

KRATOCHVIL, Karel

Reconstruction of a magnetic roasting line. Sbor Vyzk ust  
Mnisek 4:63-75 '64.

1. Research Institute of the Zelezorudne doly a hrdkovny  
National Enterprise, Mnisek.

BYCHERPA MEDICA Dec 10 Vol.9/6 Obstetrics June 54

1047. KRATOCHVÍL L. Okresní Úst. národního zdraví Písek. Epileptický  
vraty typu petit mal jako indikace k interrupci gravidity. Petit mal  
seizures as indication for interruption of the pregnancy.  
ČAS. LÉK. ČES. 1954, 93/44 (1223-1224)

A woman of 22 years had petit mal seizures since the age of 12 years. In the  
month of pregnancy the seizures increased and it was not possible to control  
by drugs. Symptoms of brain oedema began to be manifest. After interruption  
the pregnancy the seizures disappeared immediately. Even 3 weeks after the  
tomy the patient was quite well. The drug treatment was continued. The find-  
ings were at that time normal.

Henner - Prague (VII)

KRATOCHVIL, Ludek, inz.; UHRICEK, Vladimir, inz.

Outlook for heavy motor trains. Automobil 6 no.12:370-373  
D '62.

HERMACH, Jaroslav; KRATOCHVIL, Ludek, inz.

Operational experiences with the Skoda RTO-K prototype and its economic evaluation. Automobil 7 no.2:42-44 F '63.

1. Vyzkumny ustav dopravní, Praha.

KRATOCHVIL, L.

"The Mechano-Therapy of Disc Dislocation with Employment of Intravenous Narcosis."

SO: Neurol. a psych., Prague, Vol. 16 (1953), No. 4, pp. 214-213.



KRATOCHVIL, Dr.; MLADEK, Dr.; PODLAHA, Dr.

Problem of differential diagnosis of non-paralytic form of  
poliomyelitis. Prakt. lek., Praha 35 no.17:392-393 5 Sept 55.

1. Z infekčního oddelení (prednosta MUDr. RNDr. F. Mladek)  
a neurologického oddelení (prednosta MUDr. L. Kratochvil)  
OUNZ-nemocnice v Písku.  
(POLIOMYELITIS, differential diagnosis  
non-paralytic)

KRATOCHVIL, L.; MACHACEK, M.

Cranocerebral injuries in children resembling extracerebral hematomas.  
Acta chir. orthop. traum. cech. 26 no.2:108-110 Mar 59.

1. Neurologické oddělení OUNZ Písek, prednosta MUDr. L. Kratochvil Chir-  
urgické oddělení OUNZ Písek, prednosta MUDr. M. Machacek.

(BRAIN, wds. & inj.

cranocerebral inj. in child., differ. diag. from extracerebral  
hematoma (Cz))

(HEMATOMA, in inf. & child

extracerebral hematoma, differentiation from cranocerebral  
inj. (Cz))

PODLAHA, M.; KRATOCHVIL, L.

Familial dysplasia of the metaphysis -- Pyle's disease. Cesk.  
rentgen. 18 no.3:203-207 My'64.

1. Ustredni rentgenologicke oddeleni CUNZ v Pisku; (vedouci:  
MUDr. M.Podlaha) a Neurologicke oddeleni CUNZ v Pisku (vedouci:  
MUDr. L.Kratochvil).

\*

KRATOCHVIL, L.

Subacute van Bogaert's sclerosing encephalitis with remittent course. Cesk. neurol. 27 no.5:349-351 S '64.

1. Neurologické oddelení Obvodního ústavu národního zdraví v Písku, (vedoucí MUDr. L. Kratochvíl).

KRATOCHVIL, LUBOMIR

# CZECH

Paper electrophoresis in agricultural biochemistry. II. Separation and quantitative estimation of fractions of casein prepared according to Hammarsten. Milan Kuraček and Lubomir Kratochvil (Vyzk. úst. zeměd., Vědecký ústav zemědělské výroby, Prague). *Sborník Českoslo. Akad. Zemed. Ved, Ser. A*, 27, 353-62 (1954); cf. C.A. 48, 6250c. —Proteins of cow milk were investigated by paper electrophoresis (I). Proteins of whey, unlike the fractions of casein, are easily separable by I. Suitable conditions were found for the separ. of the fractions of casein by I. Analysis of casein shows the presence of 3 components, which is in agreement with the results of classical electrophoresis by Tiselius (C.A. 46, 562g). The existence of gamma casein, doubted by some investigators, was confirmed by I. Quant. evaluation of the paper electrophorograms by densitometry and after elution is in agreement with the classical electrophoresis by Tiselius. Jan Míka

KRATOCHVIL, L.

Manufacturing Hunter according to Moleshin's method. p. 202,  
SOVETSKA VEDA: POTRAVINARSTVI (Czechoslovenska akademie ved. Chemicka  
sekcce) Praha, Vol. 3, No. 3, 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

U. VITCENAL, L.

"Homogenization of milk in milk pumps and its effect on the degree of milk separation in cream separators."

PRILYSL IOP-ATIN. Praha, Czechoslovakia. Vol. 6, no. 10, 1966

Monthly List of East European Accessions (EAL), 10, Vol. 1, No. 6, Jun 59, Uncls

Country : GDR  
 Category : Chemical Technology. Chemical Products and Their Applications. -- Food Industry. H-28  
 Abs. Jour. : R. Zh. - Khim., No. 11, 1959 40540  
 Author : Kratochvil, L. and Vedlich, M.  
 Institut. : Not given  
 Title : Fat Losses in Buttermilk with Various Types of Cream Pasteurization Procedures

Orig Pub. : Milchwissenschaft, 12, No 10, 394-397 (1957)

Abstract : The authors report on semiplant scale comparison tests on the pasteurization of milk in film pasteurizers (FP) and drum pasteurizers (DP). It has been found that the fat content in the buttermilk obtained from the cream pasteurized in DP on the average is 0.25% higher than that in buttermilk from FP processed cream. Similar plant scale tests have shown a difference of 0.20%. Investigations of the fat globule diameters have shown that DP processed cream contains a considerable proportion of globules with diameters of under 1.6 microns. DP processing results in a partial disintegration of the fat

Card: 1/2



KRATOCHVIL, L.

TECHNOLOGY

Periodicals: PRUMYSL POTRAVIN Vol. 9, No. 12, Dec. 1958

CERNA, E. : KRATOCHVIL, L. Application of protein tests in the cheese industry. p. 636

Monthly List of East European Accessions (MEAI) Vol. 8, No. 5 May 1959, Unclass.

KUTACHEK, M. [KUTACHEK, M.], ~~KRATOCHVIL, L.~~ [KRATOCHVIL, L.]

Paper electrophoretic investigation and separation of milk serum proteins from healthy cows and cows infected with brucellosis [with summary in German]. Biokhimiia 23 no.3:471-474 My-Je '58  
(MIRA 11:8)

1. Kafedra khimii agronomicheskogo fakul'teta Nauchno-issledovatel'skogo instituta molochnoy promyshlennosti, Praga, Chekhoslovakiya.  
(PAPER ELECTROPHORESIS)  
(MILK--ANALYSIS)  
(BRUCELLOSIS IN CATTLE)

KRATOCHVIL, L.; VEDICH, M.

Improving the manufacturing process of lecithin by a deodorization process and by introducing K. Fischer's method for water determination. p. 18

PRUMYSL POTRAVIN. (Ministerstvo potravinarskyho prumyslu) Praha, Czechoslovakia. Vol. 10, no. 1, Jan. 1959

Monthly List of East European Accessions (FEAI), LV, Vol. 8, no. 7, July 1959  
Uncl.

KRATOCHVIL, Lubomir, inz., Sc.C.; VEDLICH, Miloslav

Churning butter from stored cream. Prum potravin 13 no.9:473-479  
S '62.

1. Vyzkumny ustav mlekarensky, Praha.

KRATOCHVIL, Lubomir, inz.; VEDLICH, Miloslav

Controlling the water content in butter in the continuous  
production of the Czechoslovak 4 MVC churn. Prum potravin  
14 no.5:257-261 My '63.

1. Vyzkumny ustav mlekarensky, Praha.

KRATOCHVIL, Lubomir, inz., CSc.; VEDLICH, Miloslav

Storing butter made in continuous churns in retail trade packages.  
Prum potravin 14 no.8:400-406 Ag '63.

1. Vyzkumny ustav mlekarensky, Praha.

KRATOCHVIL, Lubomir, inz., CSc.; VEDLICH, Miloslav

Effect of the cream temperature and other factors on the consistency of butter. Prum potravin 14 no. 12:626-628 D '63.

1. Vyzkumny ustav mlekarensky, Praha.

KRATCCHVIL, Lubomir, inz. CSc.;

Control of the quality of and dairy products in the German  
Democratic Republic. Prum potravin 15 no. 6:290-293 Je '64.

1. Institute of Dairy Research, Prague.



KRATOCHVIL, Ludek, inz.

Modern analysis of road transportation. Siln doprava 11  
no.5:24 My '63.

S/273/63/000/002/002/010  
A052/A126

AUTHORS: Křiván, Zdeněk, Čadek, Otto, Kratochvíl, Maximilian, Kliment, Vladimír, Svátek, Jiří, Janutka, Josef, Ostrouchov, Mikuláš

TITLE: Internal combustion engine with supercharged turbocharger

PERIODICAL: Referativnyy zhurnal, otдел'nyy vypusk, 39. Dvigateli vnutrennego sgoraniya, no. 2, 1963, 11 - 12, abstract 2.39.77 P (Czech. pat., cl. 46f, 5/03, 46f, 8/02, no. 98178, January 15, 1961)

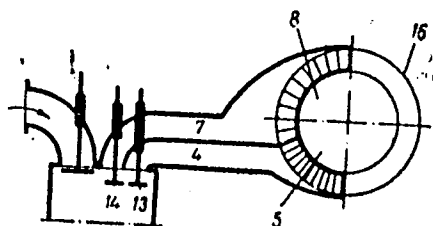
TEXT: To better utilize the energy of exhaust gases it is proposed to supply them in two streams 4 and 7 (see Fig.) to the guiding apparatus of the gas turbine 16, the blades of which have such a form in each of two sections 5 and 8 that the circumferential components of gas velocities are equal.. In a 4-cycle engine 2 exhaust valves 13 and 14 are mounted; the valve 14 opens later than the valve 13. A variant of an engine with an outlet slide valve instead of two valves is described as well as a variant of a 2-cycle engine with two channels connected to the outlet ports. There are 2 figures.

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Internal combustion engine with supercharged ....

S/273/63/000/002/002/010  
A052/A126

Figure



[Abstracter's note: Complete translation]

A. Zhukov

Card 2/2

KRATOCHVIL', M., inzh.

Present state of the development of two-cycle diesel engines in  
Czechoslovakia. Izv.vys.ucheb.zav.; mashinostr. no.4-59-71  
'59. (MIRA 13:4)

1. Predstavitel' Nauchno-issledovatel'skogo dizel'nogo instituta,  
Praga, Chekhoslovakiya.  
(Czechoslovakia--Diesel engines)

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81704.

Author : Kratochvil M , Frejka J.

Inst

Title : The Reaction Between Silicon Tetrachloride With  
Tetrahydrofuran.

Orig Pub: Chem. listy, 1958, 52, No 1, 151-152.

Abstract: By the reaction of  $\text{SiCl}_4$  with tetrahydrofuran (I) in the presence of catalytic amount of concentrated HCl, tetra[kis-]\*(4-chlorobutoxy)-silane (II) is formed, together with 1-chlorobutanol-4, and a mixture of chlorobutoxy silanes. After boiling 1.25 moles of I with 0.25 moles of  $\text{SiCl}_4$  and 1 ml of concentrated HCl for 6 hours, an additional 0.5 moles of I is added to the mixture with intensive cooling.

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\*[sic]

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CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81704.

II is obtained in a 19% yield, b.p. 206-208°C./  
1.5 mm.,  $n_D^{20}$  1.4650,  $d_4^{20}$  1.175. The reaction does  
not take place in the absence of HCl. In the presence  
of  $AlCl_3$ ,  $SbCl_5$  or  $ZnCl_2$  (10-15%), mainly the polymerization  
of I takes place.

Card : 2/2

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81639

Author : Kratochvil M., Frejka J

Inst :

Title : The Preparation of the Acid Chloride, 3-Chlorotetrahydrofurfuryl Acetic Acid

Orig Pub: Chem. listy, 1958, 52, No 1, 152-153.

Abstract: The acid chloride (II) of 3-chlorotetrahydrofurfuryl acetic acid (IIa) was obtained by the reaction of 2,3-dichlorotetrahydrofuran (I) with ketone in the presence of 0.1% anhydrous  $ZnCl_2$ . The catalyst in the amount of  $> 5\%$  leads to the polymerization of I. Once more 0.5 moles of I is passed through the reaction column with the addition of 0.01 grams of calcined  $ZnCl_2$  dissolved in 20 ml ether at  $30^\circ C$  and

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CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry

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Abs Jour: Ref Zhur-Khim., No 24, 1958, 81639

introducing ketene at the rate of 11-12 grams per hour, and the main fraction was distilled (44 grams) with a boiling point of 105-105.5°C./11 mm,  $n_D^{20}$  1.4876,  $d_4^{20}$  1.2694 Methyl ester (II-a) of (II-b) was obtained from the crude reaction mixture by the addition of 50 ml of anhydrous methanol and boiling for 30 minutes. Afterwards the acetic acid formed is distilled at normal pressure; 2-methoxy-3-chlorotetrahydrofuran (from the unreacted I), b.p. 60-63°C./28 mm, and II-b, yield 54%, b.p. 108-109°C./9 mm.,  $n_D^{20}$  1.4652,  $d_4^{20}$  1.2592. II-b was also obtained in a 98.3% yield by boiling 10 grams of the separated II for 30 minutes with 2 grams of anhydrous methanol.

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КРАТКОВИЛ, М.

KRATOKHVIL [Kratokhvill], M.

Reactions of chlorinated furanidine. Part 2: Synthesis of substituted 2-alkoxy-3-chlorotetrahydrofurans. Coll Cz Chem 25 no.5:1351-1358 My '60.

1. Vozrozhdeniye akademii im. A. Zapototskogo, Brno.

S/081/62/000/024/047/073  
B106/B186

AUTHOR: Kratochvíl, M.

TITLE: Reactions of chlorinated furanidines. III. Unsaturated acetals of the furanidine series. IV. Synthesis and properties of some  $\beta$ -chloro-alkoxy-tetrahydrofurans

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 354 - 355, abstract 24Zh261 (Collect. Czechosl. Chem. Commun., v. 27, no. 2, 1962, 465-467 [Ger.; summary in Russ.]; no. 3, 742 - 750 [Russ.; summary in Ger.] )

TEXT: III. From 2-R-5-R'-furanidines [Ia R = Cl(CH<sub>2</sub>)<sub>2</sub>O, Ib R = Cl, Ic R = R' = Cl; R, not denoted are always H] the corresponding derivatives are obtained (Id R = CH<sub>2</sub> = CHO; Ie R = CH<sub>2</sub> = CHCH<sub>2</sub>O; If R = R' = CH<sub>2</sub> = CHCH<sub>2</sub>O; Ig R = CH<sub>2</sub> = CHCH<sub>2</sub>O, R' = Cl). 0.5 moles of Ia are stirred into a mixture of 50 g pulverized KOH and 80 ml of N[(CH<sub>2</sub>)<sub>2</sub>OH]<sub>3</sub> in the course of 3 hrs, the product is steam-distilled at 160-170°C (b.p. 98-105°C) and twice

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fractionated over pulverized KOH. Id,  $C_6H_{10}O_2$ , yield 31 %, b. p. 126 - 128°C/732 mm Hg,  $n_D^{20}$  1.4412,  $d_4^{20}$  0.9782 is obtained. 0.2 moles of Ia are stirred dropwise into a solution of 30 g anhydrous NaI in 160 ml anhydrous acetone in the course of 1 hr (60-70°C). It is then boiled for 4 hrs, 120 ml of acetone are distilled off, it is cooled, the salt is dissolved in water, an extraction with ether is made, and the extract is concentrated by evaporation at 30°C/45 mm Hg. The residue is treated with KOH, as described above. Id is obtained, yield 44.6 %. 25 g  $CH_2=CHCH_2OH$  (II) is mixed with 0.05 g anhydrous  $ZnCl_2$  (-10°C). A solution of 0.3 moles of Ib in 20 ml of dry ether, cooled to -10°C, is stirred dropwise into the mixture, the HCl gas is removed in vacuo, the temperature slowly raised to 60-65°C and kept there until HCl evolution is finished. Distillation gives Ie,  $C_7H_{12}O_2$ , yield 76 %, b.p. 46-46.5°C/12 mm Hg,  $n_D^{20}$  1.4398,  $d_4^{20}$  0.9696. In the same way Ig,  $C_7H_{11}ClO_2$ , yield 48 %, b.p. 72-73°C/10 mm Hg, 76-78°C/12 mm Hg,  $n_D^{20}$  1.4611,  $d_4^{20}$  1.1270, and If,  $C_{10}H_{16}O_3$ , yield 36 %, b.p. 94-95°C/12 mm Hg,  $n_D^{20}$  1.4543,  $d_4^{20}$  1.0249, Card 2/7

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are obtained from 0.5 mole of Ic and 60 g II. A mixture of Ib and Ic, obtained by chlorination of tetrahydrofuran (III), and 60 g II give, as described above: Ie, yield 21 g, Ig, yield 12.7 g, and If, yield 21.6 g. The data of the infrared spectrum for Id are given.

IV. By reaction of Ib and Ic with ethylene oxide (IV), propylene oxide (V), and epichlorohydrin (VI), the corresponding furanidines

[Ih R = O(CH<sub>2</sub>)<sub>2</sub>Cl; Ii R = CH<sub>3</sub>CHOCH<sub>2</sub>Cl; Ik R = ClCH<sub>2</sub>CHOCH<sub>2</sub>Cl;

Il R = O(CH<sub>2</sub>)<sub>2</sub>Cl, R' = Cl; Im R = R' = O(CH<sub>2</sub>)<sub>2</sub>Cl; In R = CH<sub>3</sub>CHOCH<sub>2</sub>Cl, R' = Cl], and Ia were obtained. The behavior of Ih-n under solvolysis

conditions was studied. Ia gave I [R = C<sub>2</sub>H<sub>5</sub>O(CH<sub>2</sub>)<sub>2</sub>O] (Io), while 2-R-3-chlorotetrahydrofuran [VIIa R = Cl(CH<sub>2</sub>)<sub>2</sub>O, VIIb R = ClCH<sub>2</sub>CHOCH<sub>3</sub>, VIIc

R = (ClCH<sub>2</sub>)<sub>2</sub>CHO] yielded the following derivatives:

[VIId R = CH<sub>3</sub>COO(CH<sub>2</sub>)<sub>2</sub>O, VIIe R = C<sub>2</sub>H<sub>5</sub>O(CH<sub>2</sub>)<sub>2</sub>O, VIIf R = CH<sub>2</sub>=COCH<sub>3</sub>, VIIg R = CH<sub>2</sub>=COCH<sub>2</sub>OC<sub>2</sub>H<sub>5</sub>, VIIh R = HO(CH<sub>2</sub>)<sub>2</sub>O], as well as

CH<sub>3</sub>COO(CH<sub>2</sub>)<sub>2</sub>CHClCH(OOCCH<sub>3</sub>)O(CH<sub>2</sub>)<sub>2</sub>OOCCH<sub>3</sub> (VIII). A mixture of 0.3 moles

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of Ib and 50 ml dry  $\text{CCl}_4$ , cooled down to  $-10$  to  $-15^\circ\text{C}$  is added dropwise to a mixture of 0.3 moles of IV, 10 ml  $\text{CCl}_4$  and 0.02 g anhydrous  $\text{ZnCl}_2$  (temperature not higher than  $-5^\circ\text{C}$ ).  $\text{CCl}_4$  and ca. 2 ml VI (b.p.  $40-42^\circ\text{C}/16$  mm Hg) are distilled in vacuo; the main fraction ( $74-78^\circ\text{C}/10$  mm Hg) gives, after repeated distillation, Ii,  $\text{C}_6\text{H}_{11}\text{ClO}_2$ , yield 92 %, b.p.  $75 - 76^\circ\text{C}/15$  mm Hg,  $n_D^{20}$  1.4530,  $d_4^{20}$  1.1453. In the same way (in the case of II-n, 0.08 g  $\text{ZnCl}_2$  is used and I is added to the epoxide) Ii-n are obtained (the data are given in the following order: initial materials, their molar ratio, medium, reaction temperature in  $^\circ\text{C}$ , product, gross formula, yield in %, b.p. in  $^\circ\text{C}/\text{mm Hg}$ ,  $n_D^{20}$ ,  $d_4^{20}$ ): Ib, V, 0.1:0.1, III,  $-5$ , to  $-20$ , Ii,  $\text{C}_7\text{H}_{13}\text{ClO}_2$ , 85,  $75-76/12$ , 1.4488, 1.0996; Ib, VI, 0.3:0.3, ether,  $-5$  to  $+20$ , Ik,  $\text{C}_7\text{H}_{12}\text{Cl}_2\text{O}_2$ , 89,  $110.5-111/13$ , 1.4739, 1.2450; Ic, IV, 0.1:0.2,  $\text{CCl}_4$ ,  $-5$  to  $-10$ , Il,  $\text{C}_6\text{H}_{10}\text{Cl}_2\text{O}_2$ , 29,  $108-108.5/16$ , 1.4737, 1.2794; Ic, IV, 0.1:0.2,  $\text{CCl}_4$ ,  $-5$  to  $-10$ , Im,  $\text{C}_8\text{H}_{14}\text{Cl}_2\text{O}_3$ , 57,

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130-131/8, 1.4740, 1.2444; Ic, V, 0.1:0.2, ether, -5 to +20, In,  $C_7H_{12}Cl_2O_2$ , 55, 105-106/12, 1.4870, 1.2275. The yields of Im and In in III medium amount to 13 % and 64 %, respectively. A mixture of 1 mole of III and 10 ml of  $CCl_4$  is chlorinated for 2 hrs at  $-25^\circ C$  (UV.irradiation), the HCl gas being removed by bubbling through dry  $N_2$  and by vacuum. 45 g IV, 20 ml of dry  $CCl_4$ , and 0.06 g anhydrous  $ZnCl_2$  are added to the mixture (temperature below  $-5^\circ C$ ); 25 g Ih, 13 g Il and 18 g Im are obtained by distillation. 0.2 moles of Ia are added to a solution of 15 g KOH in 100 ml of absolute alcohol, the mixture is heated to  $60-70^\circ C$  for 4 hrs, is filtered, and the precipitate is washed with ether. Distillation of the filtrate yields Io,  $C_8H_{16}O_3$ , yield 56.6 %, b.p.  $83.5 - 84^\circ C/15$  mm Hg,  $n_D^{20}$  1.4384,  $d_4^{20}$  1.0412. In the same way (heating for 6 hrs), VIIa gives VIIe,  $C_8H_{15}ClO_3$ , yield 48.8 %, b.p.  $112-114^\circ C/14$  mm Hg,  $n_D^{20}$  1.4538, and VIIc (25 g KOH in 200 ml alcohol) VIIg,  $C_9H_{15}ClO_3$ , yield 59 %, b.p.  $118-121^\circ C/16$  mm Hg,  $n_D^{20}$  1.4688,  $d_4^{20}$  1.1442. Similarly (80 ml of alcohol) one

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obtains VIIIf,  $C_7H_{11}ClO_2$ , yield 56.5 %, b.p.  $92-94^\circ C/14$  mm Hg,  $n_D^{20}$  1.4640,  $d_4^{20}$  1.1208, from 0.125 moles of VIIb. A mixture of 0.2 moles of VIIa with a solution of 40 g  $CH_3COONa$  in 120 ml alcohol is heated to  $160-165^\circ C$  in sealed tubes for 6 hrs, and filtered; the distillate obtained at  $120^\circ C/7.2$  mm Hg is removed, ether is added, and filtered. One obtains by distillation VIIId,  $C_8H_{13}ClO_4$ , yield 63 %, b.p.  $128-129^\circ C/11$  mm Hg,  $n_D^{20}$  1.4603,  $d_4^{20}$  1.2271. A mixture of 0.25 moles of VIIa, 5 ml of  $C_5H_5N$  and of a solution of 0.5 moles of anhydrous  $CH_3COOK$  in 120 ml alcohol is boiled for 3 hrs and treated as in the previous experiments. VIIId, yield 7.1 %, is obtained. A mixture of 0.1 mole of VIIId, 30 g  $(CH_3CO)_2O$  and 0.2 g anhydrous  $ZnCl_2$  is boiled for 4 hrs (temperature not higher than  $130^\circ C$ ). Distillation gives VIII,  $C_{12}H_{19}ClO_7$ , yield 32 %, b.p.  $142-144^\circ C/3$  mm Hg,  $n_D^{20}$  1.4565,  $d_4^{20}$  1.2090, and  $CH_3COO(CH_2)_2OOCCH_3$ , yield 31 %. A mixture of 7.8 g VIII with a solution of 4.5 g KOH in 30 ml water is boiled for 2 hrs, and the aqueous layer is extracted with ether. VIIh,  $C_6H_{11}ClO_3$ , b.p.  $125-127^\circ C/10$  mm Hg,  $n_D^{20}$  1.4724,  $d_4^{20}$  1.2568 is obtained from the extract  
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by distillation. For communication II: see RZhKhim, 1961, 11Zh165.  
[Abstracter's note: Complete translation.]

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trombozy. [Importance of anticoagulant factors of vascular wall in the  
formation of arterial thrombosis] Bratisl. lek. listy 30:4-5 Apr-May  
50 p. 351-9

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plus SIMKOVIC, I. AND ONDROUCHOVA, D.

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experimental studies. Bratisl. lek. listy 34 no.7:727-740 July 54.

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chirurgickej kliniky, prednosta prof. dr. K.Carsky, a z II. chirurgickej  
kliniky LFSSU v Bratislave, prednosta clen corresp. SAV K.Siska.

(FISTULA, experimental,

Eck's & Pavlov, technic of portacaval anastomosis in)  
(VEINS, PORTAL SYSTEM, surgery,

portacaval anastomosis in Eck's & Pavlov's fistulas)

(VENAE CAVAE, surgery,

portacaval anastomosis in Eck's and Pavlov's fistulas)

KRATOCHVIL, M.; SIMKOVIC, I.; HUBKA, M.; HUTAN, L.

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chirurg. kliniky, prednosta clen korespondent SAV K.Siska, & & Ustavu  
usitej anatomie v Bratislave, prednosta dr. M.Kratochvil.

(NITROGEN, metabolism,

utilization from protein hydrolysates in dogs, determ.  
with Eck's & Pavlov's fistulas)

(PROTEINS,

hydrolysates, utilization of nitrogen from protein  
hydrolysates, determ. with Eck's & Pavlov's fistulas)

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SIMKOVIC, I.; DUBROTA, S.; KOSTOLNY, I.; SCHNOHRER, M.; KRATOCHVIL, M.;  
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MUDr. M. Kratochvil, a z II. internej kliniky LFUK v Bratislave,  
prednosta doc. MUDr. V. Haviar.

(HYPERTENSION

pulm. in surg. pulm. dis., catheterization of heart  
& pulm. artery)

(LUNGS, diseases

surg., pulm. hypertension elimination by catheterization)

(HEART

catheterization in surg. pulm. dis.)

(ARTERIES, PULMONARY

catheterization in surg. pulm. dis.)



CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Blood-Vascular System. Vessels. S-5

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79143.

Author : Kratochvil, M., Kapeller, K., Godal, A.

Inst : Not given.

Title : Several Signs of Subterminal and Terminal Ramification of Portal and Arterial Blood Vessels in the Human Liver.

Orig Pub: Ceskosl. morfol., 1957, 5, No 3, 227-236.

Abstract: A study of the corrosive mounts of vessels of the human liver confirmed on the whole, the results of the investigations of Elias (Amer. J. Anat., 1949, 85, 379). In addition, it was established that the small partitioning veins do not proceed in parallel with the interlobar veins, but proceed away from them at under a direct an-

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EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6505. AN ATTEMPT AT LOCAL (REGIONAL) CHEMOTHERAPY IN SURGICAL  
TREATMENT OF TUMOURS - Kratochvíl M., Winkler A.,  
Tesárek T., Godál A., Knotz F., Judin J., Drác F.,  
Kvasnička A., Ujházy V., Sándor L. and Černý V. Oncol.  
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An attempt was made to enhance the effect of chlormethine by intra-arterial ad-  
ministration of the drug during surgery. The patients received the drug also be-  
fore and after the operation i.v. Preoperatively the drug was given intra-arterially  
in doses increased two- to threefold, without causing local or general toxic sym-  
ptoms. This treatment does not increase the mortality due to operation. The post-  
operative course is adversely affected, however. The authors consider this method  
favourable for combined surgical and chemical treatment.

(XVI, 9)

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Czechoslovakia

Tuberculosis Department of the Hospital OUNZ in Usti  
nad Orlicí -- Usti nad Orlice (Tuberkulózní oddělení  
nemocnice OUNZ v Ústí nad Orlicí -- Ústí nad Orlicí);  
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Mr. [Name],  
[Address]

"[Text of letter body]"  
1. [Text]

cc: [Text]  
[Text]

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CZECHOSLOVAKIA/Chemical Technology - Lacquers. Paints. Coatings. H-30

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83637

Author : Weigner, J.A., Kratochvil, F., Kudlacek, Vl., Havel, St.

Inst : -

Title : Para Cresol as a Side Product in the Manufacture of New Varnishes.

Orig Pub : Chem. prumysl, 1956, 6, No 6, 221-225.

Abstract : No abstract.

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(EEAI 10:9)

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(Serum albumin)	(Phosphates)	(Buffer substances)
	(Albumins)	

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Interaction of albumins. XIV. Effect of external conditions on  
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(Serum albumin)

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